



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Patent Application of

Confirmation No. 2558

YAMAGUCHI et al.

Allowed: November 4, 2005

Serial No. 10/726,068

Atty Ref.: 925-275

Filed: December 3, 2003

Group: 2878

For: OPTICAL OBJECT IDENTIFICATION  
APPARATUS, AND PRINTING APPARATUS  
AND OBJECT CLASSIFICATION APPARATUS  
USING SAME

Examiner: Ko, Tony

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December 14, 2005

**Mail Stop: Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Sir:

The instant application was allowed November 4, 2005. However, the Reasons for Allowance are not commensurate with the scope of the claims.

For example, and without limitation, claims 6-11 and 30-32 do not require “a power spectral area ratio calculating means for obtaining spectral distribution by applying Fourier transform and obtaining an area ratio between different distribution ranges in the spectral distribution” as mentioned in the reasons for allowance. As another example, claims 6, 8, 12, 14, etc. do not require “a diffraction grating provided in the light receiving side optical system and designed such that intensity of zero order diffraction light is sufficiently smaller than intensity of first order diffraction light” as mentioned in the reasons for allowance in the 7/13/05 Office Action. As yet another example, claims 7, 8, 12, 14, etc. do not require “polarization means disposed immediately before one of

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the light receiving devices in the light receiving side optical system for passing polarized light having a direction of polarization that is orthogonal to the direction of polarization of the light emitted from the light emitting device” as mentioned in the reasons for allowance in the 7/13/05 Office Action.

Please let me know if you should have any questions.

Respectfully submitted,

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